PHASE 2 - LONG-RANGE ACTION GOALS

Long-range action plan providing specific action goals focused on the natural resources, historiccultural resources, recreation opportunities, and the education-interpretation opportunities of each zone established in the "General Management Plan" for...



Prepared by: Paul N. Curtis, Management Plan Administrator

PLAN APPROVALS:

Chief, Parks and Recreation Division	Date
Deputy Director of Resources	Date
Director, Michigan Department of Natural Resources	Date



PLAN APPROVAL RECOMMENDATIONS:

(Review Groups)

CITIZENS COMMITTEE FOR MICHIGAN STATE PARKS:	Date
DNR – STATEWIDE COUNCIL:	Date
DNR – ECO-TEAM:	Date
STAKEHOLDERS:	Date
DNR RESOURCE PROGRAMS:	
(PRD – Management)	Date
Park Management Plan Administrator	Date
Chief, Planning Section	Date
Chief, Program Services Section	Date
Chief, Resource Management Section	Date
Chief, Operations Section	Date
Pontiac District Supervisor	Date
Pontiac District Planner	Date
Manager, Algonac State Park	Date

INTRODUCTION

This is "Phase 2", the 10-year 'Action Goals' phase of planning for Algonac State Park. In this phase, the first action is to re-evaluate the General Management Plan to assure that no conditions have changed that would cause a change in that overall guiding document. Having just adopted the General Management Plan for this park, it stands as written.

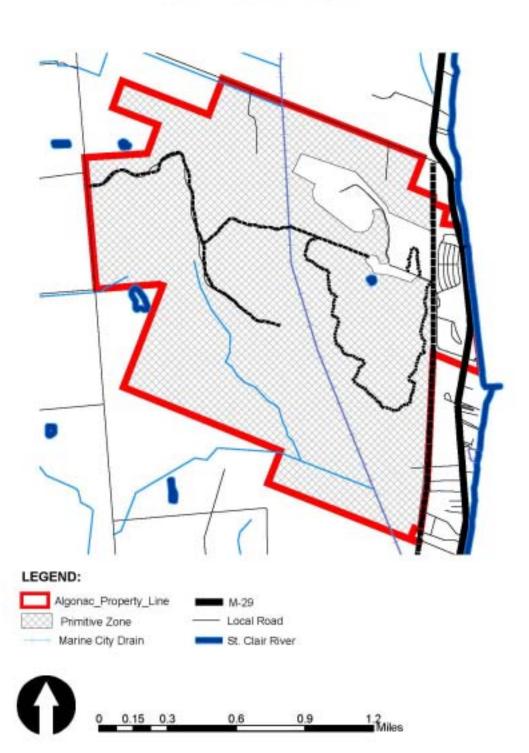
The second phase of management planning for Algonac State Park establishes long-range action goals for each of the management zones defined in the "General Management Plan" (GMP). For each management zone in the plan, action goals are recommended that address the following categories:

- Natural Resources
- Historic/Cultural Resources
- Recreation Opportunities
- Education/Interpretation Opportunities
- Management Focus
- Visitor Experience
- Development

One action item that is common to all management zones of the park is that Stewardship will develop a new/updated "Stewardship Plan". This new plan will be a five-year implementation action plan structured to reflect the defined management zones and objectives of the GMP. It will be completed by (?), and will fall into sync with Phase 3 (5-year Implementation Plan) of the Management Plan.

In addition to implementing the new Stewardship Plan, the following long-range action goals are proposed for each Management Zone of the park, as follows:

PRIMITIVE ZONE



<u>PRIMITIVE ZONE</u> – The purpose of this zone designation is to preserve and reestablish the lakeplain prairie and oak savannah communities, and the Great Lakes Marsh, all of which are of global significance. The following action goals will be attained:

writter	<u>al Resources</u> - (Notethe new/updated Stewardship Plan will be n to reflect the specific management requirements of the pending ral Area Act" designation <u>of this entire zone</u> .)
	Dedicate this entire zone as a "Natural Area"
	TARGET DATE
	RESPONSIBLE POSITION
	LEAD STAFF
	With dedication of this zone as a "Natural Area" (in process), eliminate the multiple separate NRC designations found in this
	ZONE. TARGET DATE
	RESPONSIBLE POSITION
	LEAD STAFF
	Implement the specific provisions of the (new/updated) Stewardship
	Plan. TARGET DATE
	RESPONSIBLE POSITION
	LEAD STAFF
	Burn 20% to 25% of the zone per year.
	TARGET DATE
	RESPONSIBLE POSITION
	LEAD STAFF
	Restore the Great Lakes Marsh hydrology at the south end of the zone.
	TARGET DATE
	RESPONSIBLE POSITION
	LEAD STAFF

• <u>Historic/Cultural Resources</u>

	Review all proposed earthwork activities for potential impact on historic/cultural resources. (Known archeological sites exist primarily along the sand ridges on the west end of the park, the likelihood exists that others could be found in this zone.)
	TARGET DATE
	RESPONSIBLE POSITION
	LEAD STAFF
Recre	eational Opportunities
	Expand the "Lakeplain Prairie Trail" to cross the Marine City Drain to make it into a 'loop' trail. TARGET DATE
	RESPONSIBLE POSITION
	LEAD STAFF
	Improve hunter access to this zone at the Marsh Road access lot.
	TARGET DATE
	RESPONSIBLE POSITION LEAD STAFF
	With designation of this entire zone as a "Natural Area", no snowmobile, ATV, ORV, equestrian or mountain bike use will be allowed. (Notemechanized access is allowed for law enforcement, fire management, emergency access, and zone restoration work.) A 'Land Use Order' or other legal mechanism needs to be enacted to secure law enforcement authority. (Notewe need this for all zones)
	TARGET DATE
	RESPONSIBLE POSITION
	LEAD STAFF

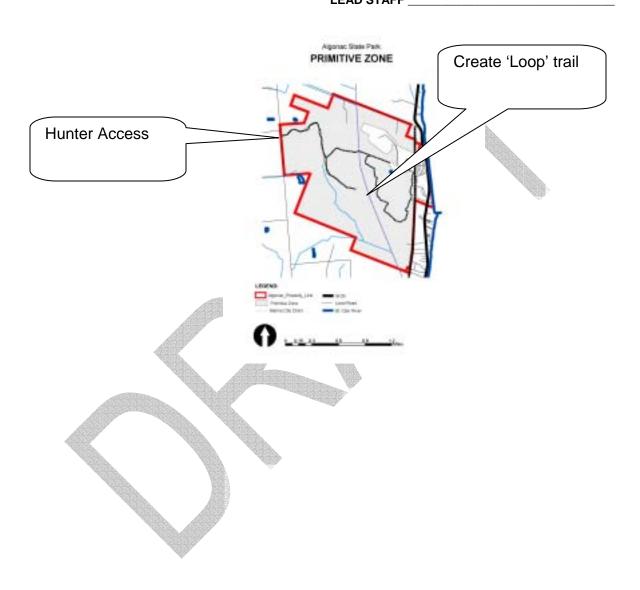
•		ation/Interpretation (E/I) nation on the following:	Opportunities - develop and provide
		The 'Natural Area Act' and	designation of this zone.
			TARGET DATE
			RESPONSIBLE POSITION
			LEAD STAFF
		Oak Savannahs, Lakeplaithe rarity of this eco-system	in Prairies, and Great Lakes Marsh and m.
			TARGET DATE
			RESPONSIBLE POSITION
			LEAD STAFF
		The management technique system (ie. controlled burn	ues used to re-establish and maintain the ing).
			TARGET DATE
			RESPONSIBLE POSITION
			LEAD STAFF
		Invasive species impacts available/used.	s to the park, and control measures TARGET DATE
			RESPONSIBLE POSITION
, die			LEAD STAFF
		Rare and endangered spe	
			TARGET DATE
	*		RESPONSIBLE POSITION
			LEAD STAFF
		Herons and heron rookerie	es.
			TARGET DATE
			RESPONSIBLE POSITION
			LEAD STAFF

		Cultural resources	TARGET DATE
			RESPONSIBLE POSITION
			LEAD STAFF
• <u>Ma</u>	<u>ana</u>	gement Focus	
		Implement the Stewardship	p Plan for restoration.
			TARGET DATE
			RESPONSIBLE POSITION
			LEAD STAFF
		Promote volunteer partner	ships to meet the resource goals.
			TARGET DATE
			RESPONSIBLE POSITION
			LEAD STAFF
			oce that reflects a high degree of 'natural' of solitude, and a lack of man-made
		RESPONSIBLE POSITION	
			LEAD STAFF
		Target the training of "Our specific E/I needs for this z	tdoor Explorers" to meet the above cited zone.
			TARGET DATE
			RESPONSIBLE POSITION
			LEAD STAFF
		Meet the management red the 'Natural Areas Act'.	quirements of the zone as directed under
			TARGET DATE
			RESPONSIBLE POSITION
			LEAD STAFF

Bridge-to-Bay Trail within	ent access rights and measures to the the park boundaries for purposes of staff ne for fire control and zone maintenance.
	TARGET DATE
	RESPONSIBLE POSITION
	LEAD STAFF
PRIMITIVE ZONE	
- Z	Establish park management access rights to the Bridge-to-Bay trail within the park.
□ Prepare a "Wildfire Manag	ement Plan"
	TARGET DATE
	RESPONSIBLE POSITION
	LEAD STAFF
☐ Prepare an "Emergency A	ccess Plan"
	TARGET DATE
	RESPONSIBLE POSITION
	LEAD STAFF
• <u>Development</u>	
 Build the connector trail se make the "Lakeplain Prairi 	ection to cross the Marine City Drain and e Trail" a loop trail.
	TARGET DATE
	RESPONSIBLE POSITION
	LEAD STAFF

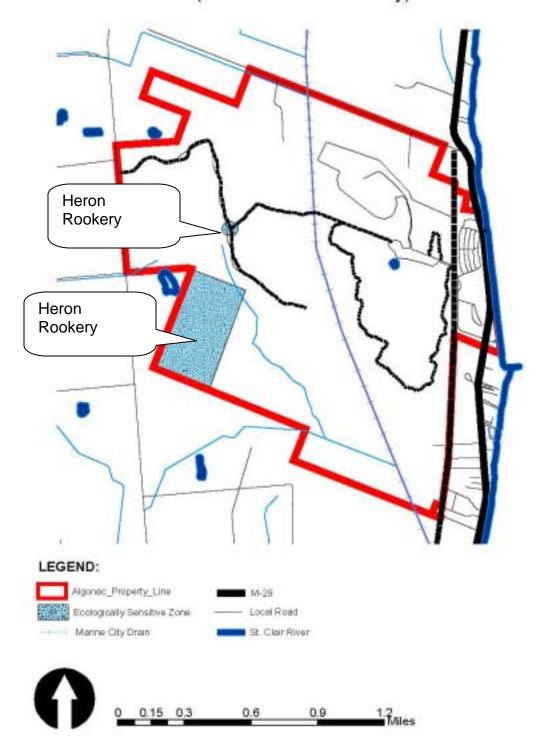
□ Develop a formalized parking area at the existing Marsh Road access point to the zone for improved hunter access, law enforcement access, and emergency access.

TARGET DATE	
RESPONSIBLE POSITION _	
LEAD STAFE	



ECOLOGICALLY SENSITIVE ZONE

(Seasonal Heron Rookery)

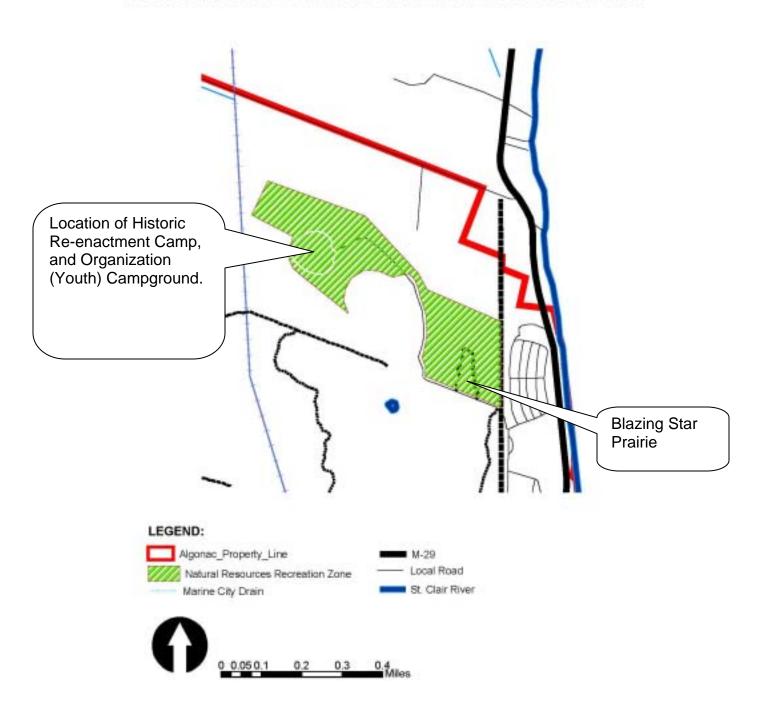


ECOLOGICALLY SENSITIVE ZONE - This zone has a seasonal designation of April 1 to September 15. The zone is defined by the location of nesting herons, which may change nest locations over time. Additionally, this zone is a sub-set of the Primitive Zone, and the requirements of the Primitive Zone apply. Exceptions or modifications to those requirements are:

<u>Natur</u>	ral Resources	
		ent that would disturb historically active ed at any time of the year.
		TARGET DATE
		RESPONSIBLE POSITION
		LEAD STAFF
		vegetative management practices will not of the zone (protection of the rookery(s)
	nom disturbance)	TARGET DATE
		RESPONSIBLE POSITION
		LEAD STAFF
Recre		recreational activities will <u>not</u> be allowed in g season (September 15 to April 1) there ess.
		TARGET DATE
		RESPONSIBLE POSITION
		LEAD STAFF
Educ	ation/Interpretation Oppo	ortunities
	Provide information on he locations away from the p	erons and heron rookeries at appropriate rotected zone.
		TARGET DATE
		RESPONSIBLE POSITION
		LEAD STAFE

	Allow heron research with	oversight by PRD-Stewardship.
		TARGET DATE
		RESPONSIBLE POSITION
		LEAD STAFF
• <u>Manag</u>	gement Focus	
	Determine nesting activity means) a 450' protective l	y and define (with marker posts or other ouffer annually.
		TARGET DATE
		RESPONSIBLE POSITION
		LEAD STAFF
	Control the scheduling of cause disturbance to the z	work and park use activities do as not to zone.
		TARGET DATE
		RESPONSIBLE POSITION
		LEAD STAFF
	ECOL	Agence Unite Park DORCALLY SEMSITIME ZONE DESCRIPTION TOWARD
Establish 4 (Typ.)	50' buffer(s)	

Algonac State Park NATURAL RESOURCE RECREATION ZONE



NATURAL RESOURCE RECREATION ZONE – The purpose of this designation is to recognize the more intensive public use of the area for general recreational purposes and special events (ie. Historic Re-enactment). There are scattered occurrences of Endangered, Threatened, or Special Concern species in this area. The following action goals will be attained:

•	<u>Natur</u>	ral Resources	
		Protect 'protected' plants Historic Re-enactments).	that may be impacted by public use (ie.
		ristoric Re-eriactinerits).	TARGET DATE
			RESPONSIBLE POSITION
			LEAD STAFF
		active use area of this zon time-period will not be injurplant management through	low for mowing of 'protected' plants in the ne. (NOTEmowing during a prescribed rious to the plants, and with the degree of hout the park, it is felt that we should be ariance to allow for that form of t)
			TARGET DATE
			RESPONSIBLE POSITION
			LEAD STAFF
		Expand the 'Blazing Star F	Prairie' (?)
A			TARGET DATE

Historic/Cultural Resources

	Davious all proposed corthwerk activities for natorial impact on
Ш	Review all proposed earthwork activities for potential impact on
	historic/cultural resources. (Known archeological sites exist
	primarily along the sand ridges on the west end of the park, there is
	a possibility that others could be found in this zone.)
	TARGET DATE
	TARGET DATE

RESPONSIBLE POSITION _____

LEAD STAFF _____

RESPONSIBLE POSITION _____

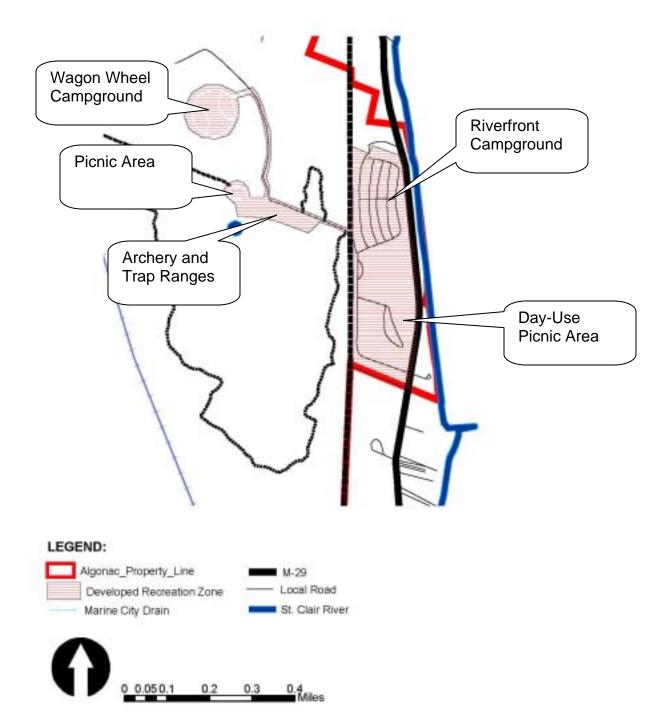
LEAD STAFF _____

	Prohibit 'All Terrain Vehicle' (ATV), 'Off Road Vehicle' (ORV), and snowmobile use.
	TARGET DATE
	RESPONSIBLE POSITION
	LEAD STAFF
Edu	cation/Interpretation Opportunities
	Provide information on the 'Blazing Star Prairie' and the global significance of this park's ecosystem.
	TARGET DATE
	RESPONSIBLE POSITION
	LEAD STAFF
	Provide information on the Historic Re-enactment Camp and the general historical significance of the area.
	TARGET DATE
	RESPONSIBLE POSITION
	LEAD STAFF
NATUR	AL RESOURCE RECREATION ZONE
<u> </u>	Historic Re-enactment Camp location.
0	
Man	agement Focus
	Promote the educational/interpretive opportunities in the zone.
	TARGET DATE
	RESPONSIBLE POSITION
	LEAD OTAES

• Recreational Opportunities

	Protect the protected plants.
	TARGET DATE
	RESPONSIBLE POSITION
	LEAD STAFF
Deve	<u>elopment</u>
-	Develop 'UNIVERSAL ACCESS' accessible trail through the Blazing Star Prairie, and develop 'UNIVERSAL ACCESS' parking on the north side of the road.
	TARGET DATE
	RESPONSIBLE POSITION
	LEAD STAFF
-	Develop rustic overnight accommodations (cabins)
	TARGET DATE
	RESPONSIBLE POSITION
	LEAD STAFF
AULTUS	"Universal Access" through the Blazing Star Prairie and related parking improvements.

Algonac State Park DEVELOPED RECREATION ZONE



<u>**DEVELOPED RECREATION ZONE**</u> - This zone includes the 'Riverfront Campground' and the Day-Use Picnic Area, as well as the modern 'Wagon Wheel Campground', a picnic area, and the Archery and Trap Ranges.

•	<u>Natur</u>	al Resources	
		Remove all hazard trees in	ncluding diseased or failing ash.
			TARGET DATE
			RESPONSIBLE POSITION
			LEAD STAFF
		Develop an ash and other	hazard tree replacement plan.
			TARGET DATE
			RESPONSIBLE POSITION
			LEAD STAFF
•	<u>Histo</u>	ric/Cultural Resources	
	historic/cultural resource		thwork activities for potential impact on (a known archeological site exists within zone, and the likelihood exists that others
		oddia be rodria)	TARGET DATE
			RESPONSIBLE POSITION
A			LEAD STAFF
•	Recre	eational Opportunities	
		Provide 'Universal Access	' playgrounds for children.
	TARGET DATE		
		RESPONSIBLE POSITION	
		*	LEAD STAFF
		No snowmobile, ATV or O	RV use will be allowed.
			TARGET DATE
			RESPONSIBLE POSITION
			LEAD STAFF

	Expand the Riverfront Camp	ground into the Day-Use Area.
	TA	ARGET DATE
	RI	ESPONSIBLE POSITION
	LE	EAD STAFF
DEVELOPED RE	ECREATION ZOME	
(14	
1/3/		Riverfront Campground y-Use Picnic Area
0		
	cation/Interpretation Opportumation on the following:	<u>nities</u> - Develop and provide
	The 'Natural Area Act' and ' "Natural Area".	designation of the Primitive Zone as a
		ARGET DATE
	Ri	ESPONSIBLE POSITION
	LE	EAD STAFF
	Oak Savannahs, Lakeplain the rarity of this eco-system.	Prairies, and Great Lakes Marsh and
	TA	ARGET DATE
	RI	ESPONSIBLE POSITION
	LE	EAD STAFF
	The management techniques system (ie. controlled burning	s used to re-establish and maintain the
	TA	ARGET DATE
	RI	ESPONSIBLE POSITION
	LE	EAD STAFF

	Invasive species impact ar	nd control measures.
		TARGET DATE
		RESPONSIBLE POSITION
		LEAD STAFF
	Rare and endangered spe	cies.
		TARGET DATE
		RESPONSIBLE POSITION
	Herons and heron rookerie	
		TARGET DATE
		RESPONSIBLE POSITION
		LEAD STAFF
		d boatingspecifically target the marine through the State Park Explorer Program.
		TARGET DATE
		RESPONSIBLE POSITION
		LEAD STAFF
	Provide information on the general historical significant	e Historic Re-enactment Camp and the nce of the area.
		TARGET DATE
		RESPONSIBLE POSITION
		LEAD STAFF
ana	gement Focus	
	Promote the educational/ir	nterpretive opportunities in the zone.
		TARGET DATE
		RESPONSIBLE POSITION
		LEAD STAFF

	•	ersal Access') the various recreational
	components of the zone.	TARGET DATE
		RESPONSIBLE POSITION
		LEAD STAFF
	Develop and implement b use and reduce conflict (no	etter control of the trap range to manage oise) with campers.
		TARGET DATE
		RESPONSIBLE POSITION
		LEAD STAFF
• <u>Devel</u>	<u>lopment</u>	
	Upgrade electrical service	in the Wagon Wheel Campground.
		TARGET DATE
		RESPONSIBLE POSITION
		LEAD STAFF
	Re-pave park system road	ls and parking areas.
		TARGET DATE
		RESPONSIBLE POSITION
		LEAD STAFF
	Develop 'Universal Acc campgrounds.	ess' camping pads in both modern
		TARGET DATE
		RESPONSIBLE POSITION
		LEAD STAFF
		ss' improvements in the Day-Use area, access, and access to restrooms, water, grills. TARGET DATE
		RESPONSIBLE POSITION
		LEAD STAFF

Upgrade remaining toilet b	uildings.
	TARGET DATE
	RESPONSIBLE POSITION
	LEAD STAFF
Expand the Dump Station	capacity and improve vehicle circulation.
	TARGET DATE
	RESPONSIBLE POSITION
	LEAD STAFF
Expand the Riverfront Can	npground into the existing Day-use area.
	TARGET DATE
	RESPONSIBLE POSITION
	LEAD STAFF
Construct a new Contact S	Station and utilities to it.
	TARGET DATE
	RESPONSIBLE POSITION
	LEAD STAFF
Develop an amphitheater of	or facilities for educational purposes.
	TARGET DATE
	RESPONSIBLE POSITION
	LEAD STAFF
Develop parking lot(s) for v	visitors of the campground(s) users.
	TARGET DATE
*	RESPONSIBLE POSITION
	LEAD STAFF

DEVELOPED RECREATION ZONE

Wagon Wheel Campground Improvements:

- Electrical Service
- T/S Buildings
- 'Universal Access' Camping Sites
- 'Universal Access' Playground
- Paving
- Visitor Parking Lot

At Park Entrance:

- New Contact Station
- Expand Sanitary Dump Station

Riverfront Campground Improvements:

- Expand into Day-Use Area
- 'Universal Access' Camping Sites
- 'Universal Access' Playground (Maritime Theme)
- Paving
- Visitor Parking Lot

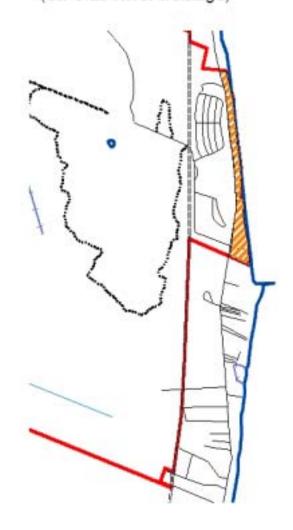
Day-Use Area Improvements:

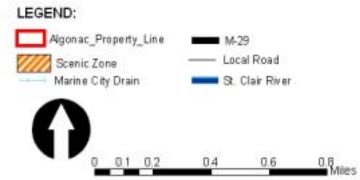
Amphitheater



SCENIC ZONE

(St. Clair River frontage)





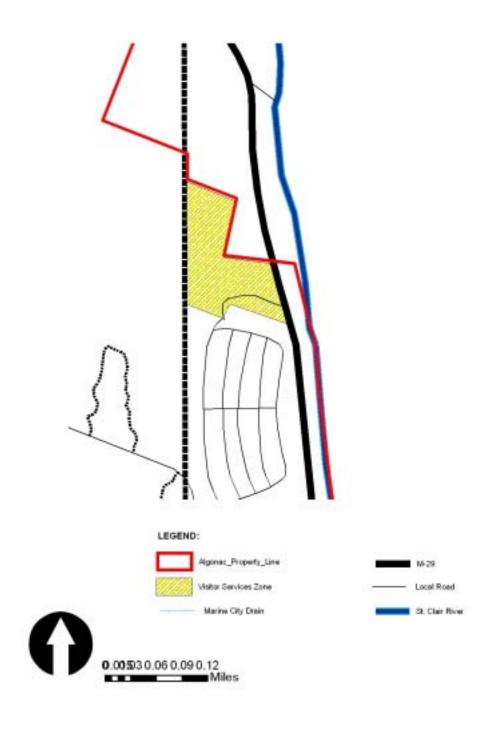
SCENIC ZONE - This zone is comprised of the shoreline frontage of the park on the St. Clair River where viewing of Great Lakes freighters and other watercraft is extremely popular.

•	Natural Resources	
	designation and installation	the zone (for viewing opportunities) ir on of any plant materials. The views mus
	not be compromised.	TARGET DATE
		RESPONSIBLE POSITION
		LEAD STAFF
•	Historic/Cultural Resources	
	• •	rthwork activities for potential impact or . (Archeological remnants <u>may</u> exist along ver shore margin.)
		TARGET DATE
		RESPONSIBLE POSITION
		LEAD STAFF
•	Recreational Opportunities - 6 following:	Conduct a feasibility study to explore the
	☐ Viewing opportunity impro	ovements.
		TARGET DATE
		RESPONSIBLE POSITION
		LEAD STAFF
	☐ Fishing access (pier/dock	/platform)
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		TARGET DATE
		RESPONSIBLE POSITION
		LEAD STAFF
	□ Pedestrian walkway	TARGET DATE
		TARGET DATE RESPONSIBLE POSITION
		LEAD STAFF

	Swimming/'Beach' access launch site).	s (currently taking place at former boat
		TARGET DATE
		RESPONSIBLE POSITION
		LEAD STAFF
	Safe access across highw	<i>r</i> ay.
		TARGET DATE
		RESPONSIBLE POSITION
		LEAD STAFF
	Parking access.	
	J	TARGET DATE
		RESPONSIBLE POSITION
		LEAD STAFF
	Boating Access Site.	
Ш	boating Access Site.	TARGET DATE
		RESPONSIBLE POSITION
		LEAD STAFF
	ation/Interpretation Opposition on the following:	portunities - Develop and provide
	Invasive species (Great La	akes) impact and control measures.
		TARGET DATE
		RESPONSIBLE POSITION
4		LEAD STAFF
	Rare and endangered spe	ecies.
		TARGET DATE
		RESPONSIBLE POSITION
		LEAD STAFF

☐ Great Lakes snipping and	boating.
	TARGET DATE
	RESPONSIBLE POSITION
	LEAD STAFF
□ Fishing and hunting impa	cts in the area.
	TARGET DATE
	RESPONSIBLE POSITION
	LEAD STAFF
☐ The general historical sig	nificance of the area.
	TARGET DATE
	RESPONSIBLE POSITION
	LEAD STAFF
Management Focus	
 Address public safety with 	n the busy traffic on M-29.
	TARGET DATE
	RESPONSIBLE POSITION
	LEAD STAFF
☐ Maintain the views of the	water and shipping/boating activity.
	TARGET DATE
	RESPONSIBLE POSITION
	LEAD STAFF
<u>Development</u>	
•	e recommendations of the feasibility study tion Opportunities section above.
	TARGET DATE
	RESPONSIBLE POSITION
	LEAD STAFF

VISITOR SERVICES ZONE



<u>VISITOR SERVICES ZONE</u> - The zone encompasses the developed areas required for program administration and operations. Typically it will include offices, contact stations, maintenance facilities and all related land base required to conduct the business of running a state park or recreation area. At Algonac, a holding of undeveloped land immediately north of the current shop area has been included in this zone for purposes of future expansion.

Natural Resources
 Except for protected plants, the natural resources can be modified to support the needs for administration of the park.
TARGET DATE
RESPONSIBLE POSITION
LEAD STAFF
<u>Historic/Cultural Resources</u>
If any activity in this zone requires earthwork, it must first be reviewed and approved by Stewardship. Known archeological site exist adjacent to the park manager's residence. Others could be found in this zone.
TARGET DATE
RESPONSIBLE POSITION
LEAD STAFF
Recreational Opportunities
□ Potential for rental of manager's former residence (assess).
TARGET DATE
RESPONSIBLE POSITION

LEAD STAFF _____

Education/Interpretation Opportunities Educational materials will be made available in the office 'public space', and office staff will assist with verbal information and directions to other places for information in the park. TARGET DATE _____ RESPONSIBLE POSITION _____ LEAD STAFF ____ **Management Focus** □ Provide 'UNIVERSAL ACCESS' access to the office from the campground and office parking lot. TARGET DATE _____ RESPONSIBLE POSITION _____ LEAD STAFF □ Provide 'UNIVERSAL ACCESS' access within the public space of the office. TARGET DATE RESPONSIBLE POSITION _____ LEAD STAFF _____ Move/consolidate materials stored on the west side of trail (service) area) to a secured location on the east side of the trail (same side as the office/shop) TARGET DATE _____ RESPONSIBLE POSITION _____ LEAD STAFF ____ ☐ Hire positions to implement and maintain Stewardship restoration efforts. TARGET DATE _____

RESPONSIBLE POSITION _____

LEAD STAFF _____

	Expand administrative sup	oport.
		TARGET DATE
		RESPONSIBLE POSITION
		LEAD STAFF
	and for effecting 'off-sea	ement of winter camping at Algonac SP ason' BAS and park repairs. This staff management of Wetzel Recreation Area
		TARGET DATE
		RESPONSIBLE POSITION
<u>Deve</u>	<u>elopment</u>	LEAD STAFF
		ea to the east side of the trail (into the in service yard north of the current HQ.
		TARGET DATE
		RESPONSIBLE POSITION
		LEAD STAFF
	Construct new HQ offices	and shop with dedicated space for:
	StewardshipLaw (if LED adm	inistrative use of the park HQ continues)
		TARGET DATE
		RESPONSIBLE POSITION
		LEAD STAFF
	Implement all needed in access.	nprovements for 'UNIVERSAL ACCESS'
		TARGET DATE
		RESPONSIBLE POSITION
		LEAD STAFF
	Implement recommendation	ons for the manager's former residence.
		TARGET DATE
		RESPONSIBLE POSITION
		LEAD STAFF